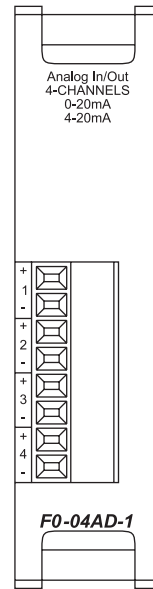


DL05/06 Option Modules

F0-04AD-1 <--->

4-channel analog mA input module

F0-04AD-1 Input Specifications	
Number of Channels	4, single ended (one common)
Input Range	0 to 20mA or 4 to 20mA (jumper selectable)
Resolution	12 bit (1 in 4096)
Step Response	25.0mS (typ.) to 95% of full step change
Crosstalk	1/2 count max (-80db)*
Active Low-pass Filtering	-3dB at 40Hz (-12dB per octave)
Input Impedance	125Ω ± 0.1%, 1/8 watt
Absolute Max Ratings	-30mA to +30mA, current input
Converter Type	Successive approximation
Linearity Error (end to end)	±2 counts
Input Stability	±1 count*
Full-scale Calibration Error	±10 counts max. @ 20mA*
Offset Calibration Error	±5 counts max. @ 4mA*
Max Inaccuracy	±0.4% at 25°C (77°F) ±0.85% at 0 to 60°C (32 to 140°F)
Accuracy vs. Temperature	±100 ppm/°C typical
Recommended Fuse	0.032A, series 217 fast-acting, current inputs



* One count in the specification table is equal to one least significant bit of the analog data value (1 in 4096)

